

SURFYNOL® AS SERIES – Organic multi-functional surfactants based on the unique Gemini functionality

- High surface activity under dynamic conditions
- Suitable for high speed processes like curtain coating
- No, minimal or low foam generation

PRODUCT	CHEMISTRY	PROPERTIES	EQUILIBRIUM SURFACE TENSION ¹ AT 0.1 wt %, 1 b/s (mN/m)	DYNAMIC SURFACE TENSION ¹ AT 0.1 wt %, 7 b/s (mN/m)	FOAM GENERATION
Surfynol® AS 5020	acetylenic diol	easy to incorporate, with a wide compounding latitude, provides water resistance of the adhesive film without surface defects	34.2	38.1	Molecular defoamer
Surfynol® AS 5040	acetylenic diol	for improved dispersability and compatibility	31.5	34.5	None
Surfynol® AS 5100	formulated anionic/ non ionic surfactant	for improved compatibility and optimized performance	30.4	35.2	Minimal
Surfynol® AS 5140	formulated anionic/ non ionic surfactant	for improved compatibility and optimized performance	32.3	39	Low

¹ Measured using a SITA Tensiometer / b/s – bubbles per second

TEGO® ANTIFOAMS – Organomodified siloxane and organic oil based high performing antifoams

- High performing and highly compatible antifoams and defoamer
- Suitable for gravure coating

PRODUCT		FOAM CONTROL	COMPATIBILITY
TEGO® Antifoam 1488	organomodified siloxane based polyether emulsion, high performing and highly compatible antifoam and defoamer	Excellent	Good
TEGO® Antifoam 2-89	organomodified siloxane based polyether emulsion, high performing and highly compatible antifoam and defoamer	Excellent	High
TEGO® Antifoam 3045	organic oil based antifoam eliminating foam, pinholes and entrapped air without generating surface defects	Fair	Excellent

Our portfolio includes many additional antifoams, e.g. for sensitive application and/or with a global food contact compliance